

# NATIONAL HOP REPORT December 19, 2002



U.S. Department of  
Agriculture  
Washington Agricultural Statistics Service

The Hop Growers of America (HGA) has contracted with our agency to provide a statistical profile of the Hop industry for 2002. This includes acreage, yield, production, stocks, and price information. We are pleased to present the final 2002 acreage, yield, and production by variety and by states. In the past, these data have been released to the public in mid-January. We have been requested by HGA to release the data earlier in order to allow producers an opportunity to analyze the data and develop marketing plans. Because of this request, the 2002 report is provided to you at this time.

We have appreciated working with the Hop industry. If you have questions or comments regarding any part of this program, please call our office at (360)902-1940.

*Ray Garibay*  
Ray Garibay  
State Statistician

## 2002 HOPS PRODUCTION



Hops production for Idaho, Oregon, and Washington in 2002 totaled 58.3 million pounds, down 13 percent from the 2001 crop of 66.8 million pounds, and 14 percent below the 2000 production of 67.6 million pounds. Production in Washington and Oregon dropped 15 percent and 18 percent, respectively. Idaho's production increased nearly 20 percent from a year ago. All three States reduced their acreage in 2002. There was a six thousand acre drop in Washington due to a grower sponsored, voluntary, acreage reduction program. Yields in Washington and Idaho increased in 2002. Washington, with 2,133 pounds per acre, was up 205 pounds from last year. In Idaho, yields averaged 1,624 pounds per acre, 295 pounds more than a year ago. Oregon's average yield dropped 183 pounds, to 1,692 pounds per acre in 2002.

Washington growers produced 74 percent of the U.S. hops crop for 2002. Columbus/Tomahawk, Zeus, Galena, and Willamette were the leading varieties in Washington, accounting for 66 percent of the State's hop crop. Powdery mildew and water supplies were not major concerns in 2002, and alpha yields were higher than normal. In Oregon, Nugget and Willamette acreages dropped, but still accounted for 73 percent of the hops harvested.

## Hops: Area Harvested and Yield by Variety, State, and United States, 2000-2002

State and Variety	Area Harvested			Yield		
	2000	2001	2002	2000	2001	2002
	<b>Acres</b>			<b>Pounds</b>		
<b>IDAHO:</b>						
Chinook	170	120		2,000	1,627	
Cluster	198	234		1,943	1,553	
Galena	535	552		1,815	1,492	
Mt. Hood	53	32		2,000	1,200	
Nugget	68	54		2,000	1,500	
Willamette	194	215		1,534	1,077	
Zeus	403	477		2,046	1,872	
Other Varieties	1,700	1,785		1,100	1,111	
<b>TOTAL 1/</b>	<b>3,321</b>	<b>3,469</b>	<b>3,399</b>	<b>1,484</b>	<b>1,329</b>	<b>1,624</b>
<b>OREGON:</b>						
Cascade	-	-	217	-	-	1,477
Fuggle	63	-	-	1,065	-	-
Golding	115	-	-	1,170	-	-
Liberty	-	-	36	-	-	1,467
Millenium	*	117	421	*	2,570	1,501
Mt. Hood	250	257	243	1,790	1,970	1,729
Nugget	2,308	2,268	1,967	2,162	2,445	2,032
Perle	402	491	452	1,130	1,355	1,163
Santiam	17	-	-	1,324	-	-
Sterling	62	91	86	1,705	2,065	1,895
Willamette	2,142	2,434	1,912	1,549	1,423	1,528
Other Varieties	460	445	243	1,843	1,740	1,669
<b>TOTAL</b>	<b>5,819</b>	<b>6,103</b>	<b>5,577</b>	<b>1,785</b>	<b>1,875</b>	<b>1,692</b>
<b>WASHINGTON:</b>						
Cascade	996	1,003	1,216	1,806	1,785	1,748
Chelan	-	317	295	-	1,809	2,211
Chinook	670	535	422	1,957	1,717	1,902
Cluster	939	534	480	1,997	1,958	1,996
Columbus/Tomahawk	4,594	4,915	3,663	2,564	2,493	2,876
Galena	5,044	4,375	3,239	1,891	1,679	1,905
Golding	36	45	26	1,097	1,231	1,188
Hallertauer	-	76	76	-	968	1,193
Horizon	316	339	337	1,250	1,224	1,409
Magnum	73	42	-	1,616	1,424	-
Millenium	-	1,382	1,455	-	2,037	2,349
Mt. Hood	367	333	107	1,147	1,130	1,272
Northern Brewer	-	97	97	-	1,284	1,992
Nugget	4,597	4,109	1,288	1,854	1,968	2,095
Perle	275	209	124	785	1,083	969
Tettnanger	-	60	48	-	1,058	1,277
Tillicum	-	369	194	-	1,836	2,075
Vanguard	-	54	-	-	1,372	-
Willamette	3,563	3,571	3,639	1,372	1,309	1,381
YCR5 (Warrior-TM)	-	1,370	988	-	1,949	2,125
Zeus	1,994	2,186	2,265	2,699	2,669	2,993
Other Varieties	3,516	418	374	1,700	1,499	1,618
<b>TOTAL</b>	<b>26,980</b>	<b>26,339</b>	<b>20,333</b>	<b>1,937</b>	<b>1,928</b>	<b>2,133</b>
<b>UNITED STATES</b>	<b>36,120</b>	<b>35,911</b>	<b>29,309</b>	<b>1,871</b>	<b>1,861</b>	<b>1,990</b>

1/ Beginning with the 2002 crop, only State totals will be published for Idaho to avoid disclosure of individual operations.

- Included in other varieties to avoid disclosure of individual operations.

\* Unknown or none.

## Hops: Production by Variety, State, and United States, 2000-2002

State and Variety	Production		
	2000	2001	2002
	<b>1,000 Pounds</b>		
<b>IDAHO</b>			
Chinook	340.0	195.2	
Cluster	384.7	363.4	
Galena	971.0	823.5	
Mt. Hood	106.0	38.4	
Nugget	136.0	81.0	
Willamette	297.6	231.5	
Zeus	824.5	893.0	
Other Varieties	1,870.0	1,983.3	
<b>TOTAL 1/</b>	<b>4,929.8</b>	<b>4,609.3</b>	<b>5,519.6</b>
<b>OREGON</b>			
Cascade	-	-	320.5
Fuggle	67.1	-	-
Golding	134.6	-	-
Liberty	-	-	52.8
Millenium	*	300.7	631.9
Mt. Hood	447.5	506.3	420.1
Nugget	4,989.5	5,545.3	3,996.9
Perle	454.3	665.3	525.7
Santiam	22.5	-	-
Sterling	105.7	187.9	163.0
Willamette	3,318.0	3,463.6	2,921.5
Other Varieties	847.8	774.1	405.6
<b>TOTAL</b>	<b>10,387.0</b>	<b>11,443.2</b>	<b>9,438.0</b>
<b>WASHINGTON</b>			
Cascade	1,798.8	1,790.4	2,125.6
Chelen	-	573.5	652.2
Chinook	1,311.2	918.6	802.6
Cluster	1,875.2	1,045.6	958.1
Columbus/Tomahawk	11,778.0	12,253.1	10,534.8
Galena	9,538.2	7,345.6	6,170.3
Golding	39.5	55.4	30.9
Hallertauer	-	73.6	90.7
Horizon	395.0	414.9	474.8
Magnum	118.0	59.8	-
Millenium	-	2,815.1	3,417.8
Mt. Hood	420.9	376.3	136.1
Northern Brewer	-	124.5	193.2
Nugget	8,522.8	8,086.5	2,698.4
Perle	215.9	226.3	120.2
Tettnanger	-	63.5	61.3
Tillicum	-	677.5	402.6
Vanguard	-	74.1	-
Willamette	4,888.4	4,674.4	5,025.5
YCR5 (Warrior-TM)	-	2,670.1	2,099.5
Zeus	5,381.8	5,834.4	6,779.1
Other Varieties	5,976.3	626.4	605.3
<b>TOTAL</b>	<b>52,260.0</b>	<b>50,779.6</b>	<b>43,379.0</b>
<b>UNITED STATES</b>	<b>67,576.8</b>	<b>66,832.1</b>	<b>58,336.6</b>

1/ Beginning with the 2002 crop, only State totals will be published for Idaho to avoid disclosure of individual operations.

- Included in other varieties to avoid disclosure of individual operations.

\* Unknown or none.

## Hops: Acreage, Yield, Production, Price, and Value, 1993-2002

Year	Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price	Value of Production	Value Per Harvested Acre
	Acres	Pounds	1,000 Pounds	\$ Per Pound	1,000 Dollars	Dollars
<b>Idaho</b>						
1993	3,961	1,375	5,444.7	1.77	9,637	2,433
1994	4,037	1,527	6,164.6	1.79	11,035	2,733
1995	3,927	1,520	5,969.0	1.61	9,610	2,447
1996	3,997	1,400	5,596.0	1.49	8,338	2,086
1997	3,870	1,417	5,484.1	1.41	7,733	1,998
1998	3,909	1,159	4,529.4	1.55	7,021	1,796
1999	3,362	1,408	4,734.0	1.61	7,622	2,267
2000	3,321	1,484	4,929.8	1.78	8,775	2,642
2001	3,469	1,329	4,609.3	1.59	7,329	2,113
<b>2002</b>	<b>3,399</b>	<b>1,624</b>	<b>5,519.6</b>	<b>1.58</b>	<b>8,721</b>	<b>2,566</b>
<b>Oregon</b>						
1993	7,900	1,500	11,850.0	1.95	23,108	2,925
1994	8,000	1,715	13,720.0	1.96	26,891	3,361
1995	8,641	1,595	13,782.4	1.90	26,187	3,031
1996	8,486	1,383	11,734.5	1.81	21,239	2,503
1997	8,352	1,625	13,572.0	1.68	22,801	2,730
1998	6,161	1,660	10,227.4	1.98	20,250	3,287
1999	5,822	1,730	10,072.0	2.04	20,547	3,529
2000	5,819	1,785	10,387.0	2.20	22,851	3,927
2001	6,103	1,875	11,443.2	2.15	24,603	4,031
<b>2002</b>	<b>5,577</b>	<b>1,692</b>	<b>9,438.0</b>	<b>2.13</b>	<b>20,103</b>	<b>3,604</b>
<b>Washington</b>						
1993	31,239	1,884	58,849.0	1.72	101,220	3,240
1994	30,375	1,800	54,675.0	1.77	96,775	3,186
1995	30,621	1,930	59,101.0	1.68	99,290	3,243
1996	31,678	1,820	57,640.0	1.63	93,953	2,966
1997	31,080	1,796	55,816.0	1.60	89,306	2,873
1998	26,573	1,686	44,791.0	1.64	73,457	2,764
1999	25,076	1,980	49,650.0	1.63	80,930	3,227
2000	26,980	1,937	52,260.0	1.81	94,591	3,506
2001	26,339	1,928	50,779.6	1.81	91,911	3,490
<b>2002</b>	<b>20,333</b>	<b>2,133</b>	<b>43,379.0</b>	<b>1.95</b>	<b>84,589</b>	<b>4,160</b>
<b>United States</b>						
1993	43,100	1,767	76,143.7	1.76	133,965	3,108
1994	42,412	1,758	74,559.6	1.81	134,701	3,176
1995	43,189	1,826	78,852.4	1.71	135,087	3,128
1996	44,161	1,698	74,970.5	1.65	123,530	2,797
1997	43,302	1,729	74,872.1	1.60	119,840	2,768
1998	36,643	1,625	59,547.8	1.69	100,728	2,749
1999	34,260	1,881	64,456.0	1.69	109,099	3,184
2000	36,120	1,871	67,576.8	1.87	126,217	3,494
2001	35,911	1,861	66,832.1	1.85	123,843	3,449
<b>2002</b>	<b>29,309</b>	<b>1,990</b>	<b>58,336.6</b>	<b>1.94</b>	<b>113,413</b>	<b>3,870</b>



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